ABSTRACT

A new and novel device for controlling a braking force of the vehicle comprises a braking force boosting control portion that increases the braking force in response to a detection of a possibility of a collision with an obstacle in the driving course of the vesicle; and a boost-reducing control portion that controls the boosting control portion so as to reduce the braking force when steering operation is executed by a driver of the vehicle as compared to a braking force to be generated when no steering operation is executed. The braking forces on individual wheels are reduced depending upon the lateral force on the corresponding wheel. In the device of the present invention, the preclash safety braking operation does not interfere with steering operation of the driver so that the steering controllability may be ensured while the vehicle is slowed down.

Fig. 3